

# Chapter 1.6: Experimenting with Power Functions

## Calculus I

College of the Atlantic. Winter 2021

Without using a calculator or computer, make a rough sketch of the following functions:

1.  $f(x) = x^3$

2.  $f(x) = -x^3$

3.  $f(x) = 3x^3$

4.  $f(x) = x^3 + 3$

5.  $f(x) = (x - 3)^3$